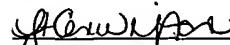


PATENTS

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Jennifer Connington
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	to be assigned	Confirmation No.	to be assigned
Applicant	:	Kirk E. Vandezande		
Filed	:	Currently herewith		
TC/A.U.	:	to be assigned		
Examiner	:	to be assigned		
<hr/>				
Docket No.	:	101384-22		
Customer No.	:	27388		

Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISLCOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure Statement in the above-identified application. This Statement is submitted:

within three months of the application filing date;

more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

It is respectfully requested that these references be (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicants request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

In accordance with 37 C.F.R. §1.98, submission of this statement requires no fee. However, if for any reason a fee is due, the Commissioner is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 14-1263. A duplicate copy of this letter is transmitted herewith.

An early and favorable action is respectfully submitted.

Respectfully Submitted,

Christa Hildebrand
Christa Hildebrand
Reg. No. 34,953
Norris, McLaughlin & Marcus P.A.
220 East 42nd Street - 30th Floor
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Application Number 60/398,780

Filing Date July 29, 2003

First Named Inventor Kirk E. Vandezande

Art Unit

Examiner Name

Attorney Docket Number 101384-22

1000 J. POLYMER SCIENCE: PART A

DOCUMENTS

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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				Application Number	60/398,780
				Filing Date	July 29, 2003
				First Named Inventor	Kirk E. Vandezande
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	101384-22

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	B1	ANTONARAKIS, Stylianos E. and the Nomenclature Working Group (1998). Recommendations for a nomenclature system for human gene mutations. <i>Human Mutation</i> 11(1):1-3. Hoboken, NJ: Wiley-Liss, Inc.			
	B2	BENEDICT WF, Murphree AL, Banerjee A, Spina CA, Sparkes MC, Sparkes RS. Patient with 13 chromosome deletion: evidence that the retinoblastoma gene is a recessive cancer gene. <i>Science</i> 219(4587):973-5 (Feb 25, 1983).			
	B3	BLANQUET V, Turleau C, Gross-Morand MS, Sénamaud-Beaufort C, Doz F, Besmond C. Spectrum of germline mutations in the RB1 gene: a study of 232 patients with hereditary and non hereditary retinoblastoma. <i>Hum.Mol.Genet.</i> 4:383-388 (1995).			
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	B5	CYSTIC FIBROSIS GENOTYPE-PHENOTYPE CONSORTIUM. Correlation between Genotype and Phenotype in Patients with Cystic Fibrosis. <i>N Eng J Med</i> 329(18):1308-1313 (1993).			
	B6	DEN DUNNEN JT, Antonarakis E. Nomenclature for the description of human sequence variations <i>Hum Genet</i> 109:121-124 (2001).			
	B7	DEN DUNNEN JT, Grootenhuis PM, Bakker E, Blonden LA, Ginjaar HB, Wapenaar MC, van Paassen HM, van Broeckhoven C, Pearson PL, van Ommen GJ. Topography of the Duchenne muscular dystrophy (DMD) gene: FGE and cDNA analysis of 194 cases reveals 115 deletions and 13 duplications. <i>Am J Hum Genet</i> 45(6):835-47 (Dec 1989).			
	B8	DICIOMMO D, Gallie BL, Bremner R. Retinoblastoma: the disease, gene and protein provide critical leads to understand cancer. <i>Semin Cancer Biol</i> 10:255-69 (2000).			
	B9	DUNN JM, Phillips RA, Zhu X, Becker AJ, Gallie BL. Mutations in the RB1 gene and their effects on transcription. <i>Mol. Cell. Biol.</i> 9:4594-4602 (1989).			
	B10	GAD S, Aurias A, Puget N, Mairal A, Schurra C, Montagna M, Pages S, Caux V, Mazoyer S, Bensimon A, Stoppa-Lyonnet D (2001) Color bar coding the BRCA1 gene on combed DNA: a useful strategy for detecting large gene rearrangements. <i>Genes Chromosomes Cancer</i> 31(1):75-84 (May 2001).			

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Application Number	60/398,780
Filing Date	July 29, 2003
First Named Inventor	Kirk E. Vandezande
Art Unit	
Examiner Name	

Attorney Docket Number 101384-22

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B11	HEGDE MR, Chong B, Fawkner MJ, Leary J, Shelling AN, Culling B, Winship I, Love DR. Hierarchical mutation screening protocol for the BRCA1 gene. Human Mutation 16(5):422-30 (Nov 2000).	
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	B13	JANSON M, Nordenskjold M. A constitutional mutation within the retinoblastoma gene detected by PFGE. Clin Genet 45:5-10 (1994).	
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	B15	LEE JO, Russo AA, Pavletich NP. Structure of the retinoblastoma tumour-suppressor pocket domain bound to a peptide from HPV E7. Nature 391(6670):859-65 (1998).	
	B16	LOHMANN DR, Horsthemke B, Gillessen KG, Stefani FH, Hofler H. Detection of small RB1 gene deletions in retinoblastoma by multiplex PCR and high-resolution gel electrophoresis. Hum Genet 89:49-53 (1992).	
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	B19	MCFALL RC, Sery TW, Makadon M. Characterization of a new continuous cell line derived from a human retinoblastoma. Cancer Res 37:1003-1010 (1977).	
	B20	NOORANI HZ, Khan HN, Gallie BL, Detsky AS. Cost comparison of molecular versus conventional screening of relatives at risk for retinoblastoma. Am J Hum Genet 59:301-7 (1996).	

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	B21	OTTERSON GA, Chen W, Coxon AB, Khleif SN, Kaye FJ. Incomplete penetrance of familial retinoblastoma linked to germ-line mutations that result in partial loss of RB function. Proc Natl Acad Sci USA 94:12036-40 (1997).	
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	B25	ZESCHNIGK M, Lohmann DR, Horsthemke B. A PCR test for the detection of hypermethylated alleles at the retinoblastoma locus [letter]. J Med Genet 36:793-4 (1999).	
	26	VANDEZANDE, K. Hierarchical Optimization for Procedural Effectiveness; Improves Health Care for Families with Retinoblastoma. Copy of Poster presented at the American Society of Human Genetics conference (10/2001).	

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